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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/582,418	06/09/2006	Robert Egli	2003CH011	4882
25255 7590 04/30/2010 CLARIANT CORPORATION INTELLECTUAL PROPERTY DEPARTMENT 4000 MONROE ROAD CHARLOTTE, NC 28205				
EXAMINER				
POWERS, FIONA				
ART UNIT		PAPER NUMBER		
1626				
MAIL DATE		DELIVERY MODE		
04/30/2010		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/582,418

**Applicant(s)**

EGLI, ROBERT

**Examiner**

Fiona T. Powers

**Art Unit**

1626

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 01 February 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 5 to 11 is/are rejected.
- 7) ☒ Claim(s) 2 to 4 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SI.08)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Interval Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Page No(s)/Mail Date 2/12/10

**DETAILED ACTION**

Claims 1 to 11 are pending in the application.

***Information Disclosure Statement***

The information disclosure statement (IDS) submitted on February 12 2010 has been considered. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

***Claim Rejections - 35 USC § 112, First Paragraph***

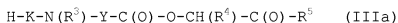
The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

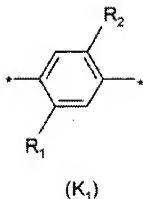
Claims 1 and 5 to 11 are rejected under 35 U.S.C. 112, first paragraph, because the specification, while being enabling for a process for the preparation of a dye of the formula (I) comprising the step of coupling a diazotized amine of the formula (II)

D-NH<sub>2</sub> (II)

wherein D is a substituted phenyl, thienyl, thiazolyl, isothiazolyl, thiadiazolyl, pyrazolyl, imidazolyl, triazolyl, benzothiazolyl or benzoisothiazolyl radical with a compound of the formula (IIIa)



wherein K is an aromatic radical of the formula  $K_1$



, does not reasonably provide enablement for a process for the preparation of a dye of the formula (I) comprising the step of coupling a diazotized amine of the formula (II)

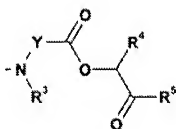


with a compound of the formula (III)

H-K (III). The specification does not enable any person skilled in the art to which it pertains, or with which it is

most nearly connected, to make the invention commensurate in scope with these claims.

The process as set forth in the specification does not prepare the dyes of the formula (I) since K is K<sub>1</sub>, K<sub>2</sub> or K<sub>3</sub> as disclosed in claim 1. The portion of the dye molecule that is



would be missing. Page 6, lines 11 to 20 of the specification discloses this process and thus does not provide a process for the preparation of the dyes of the formula (I).

Examples 1 to 5 and pages 13 to 18 of the specification only provide a process for the preparation of dyes of the formula (I) comprising the step of coupling a diazotized amine of the formula (II)

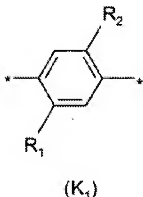


wherein D is a substituted phenyl, thienyl, thiazolyl, isothiazolyl, thiadiazolyl, pyrazolyl, imidazolyl, triazolyl, benzothiazolyl or benzoisothiazolyl radical with a compound of the formula (IIIa)

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wherein K is an aromatic radical of the formula  $\text{K}_1$



***Claim Rejections - 35 USC § 112, Second Paragraph***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 11 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 11 is indefinite because it is drawn to a fibrous material printed or dyed or both by a process according to Claim 4. However, claim 4 is not drawn to a process for dyeing or

printing. Claim 4 is drawn to a process for preparing a dye of the formula (I).

***Response to Arguments***

Applicant's arguments filed February 1, 2010 have been fully considered but they are not persuasive. With respect to the rejection of claims 1 to 11 under 35 U.S.C. 112, first paragraph, applicants have amended claim 4 to be drawn to the process that the Examiner described was enabled. However, since claim 1 drawn to compounds of the formula (I) and claims dependent thereon have not been amended, the specification does not describe how to make the full scope of the compounds claimed. Therefore the 112, first paragraph rejection with respect to claims 1 and 5 to 11 is maintained.

The rejection of claims 1 to 11 under 35 U.S.C. 112, second paragraph presented in the previous office action has been withdrawn due to applicant's amendment of the claims.

***Allowable Subject Matter***

Claims 2 to 4 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in

independent form including all of the limitations of the base claim and any intervening claims.

The references made of record and not relied upon show the state of the art.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,



however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fiona T. Powers whose telephone number is 571-272-0702. The examiner can normally be reached on Mon & Wed 6:15 am - 5:45 pm and Tues & Thurs 6:00 am - 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph K. McKane can be reached on 571-272-0699. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Fiona T. Powers/  
Primary Examiner, Art Unit  
1626

ftp  
April 26, 2010